

## Product datasheet for **MC212208**

### Tbx10 (NM\_001001320) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tbx10 (NM_001001320) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tbx10
Synonyms:	Dc; Tbx7; Tbx13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212208 representing NM_001001320 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGGCAGTCTTCCTGCTGCTGGCCTTGGGGTACTTGCTCCTCCAGAGACCTGTCCCATCCCGAGACCA  
GCACCAGCTGGGAGTCCCGGCTGGGGACACGATCCCTCAGGTTCTGCACCATGTCTACAGAAGCCCA  
AGCCATGGCAGAGCCCACTGGGCAGGGCCCAAGAACCCACGTGTGTCCAGTGTGATGGTGCAGCTGGAG  
ATGAAGCCACTGTGGGAAGAGTTCAACCAGCTGGGCACAGAGATGATTGTCACCAAAGCGGGCAGGAGGA  
TGTTCCCAACGTTCCAGGTGAAGATCCTGGGCATGGACACGCTGGCTGACTACGCTTTGCTCATGGACTT  
TATCCCGTTGGATGACAAGAGATACAGGTACGCATTCCACAGTTCTGCCTGGCTGGTGGCAGGCAAGGCA  
GACCCTGCCACGCCTGGCAGGGTGCACTTCCACCTGACTCGCCAGCCAAGGGTGCCAGTGGATGCGGC  
AGATTGTGTCTTTGACAACTCAAGCTGACCAACAACCTGATGGACGACAATGGCCACATCATCTCAA  
CTCCATGCATCGTTATCAGCCCCGTTTCCACGTGGTCTTCGTGGACCCACGCAAGGACAGTGGCCGCTAT  
GCCCAGGAAAACCTCAAGTCCTTTGTCTTACGGAGACCCAGTTTACAGCTGTGACAGCCTATCAGAACC  
ACAGGATCACGCAGCTGAAAATTGCTAGCAACCCCTTTGCCAAAGGTTTCCAGAGAGGCTGACCCAGACTC  
ATGGCCTGTGACCCCGGCCACTGCTCAGCATCCCTGCCCGAGTCGTAGCAGCCTCAGTCCCTGCCTC  
CTTAAGGGCTCTGCAGAACGAGAGAAAGATACCAGTAAAGCTTCCGCTTCCAGCTCCAGGACCCCTACTC  
AGCCACACAATCAGCTGCTGCCTGCCCTGATGTCCTGCTAGCCCTGCCACCTACAGACCCCTCCCTTA  
CCAGAACCTGTACCCTGGATCCCAAGCCGTGCTGGGCCCAAGAGCTCGGCTGGCACCTTACCCTCTC  
CCCAACATCAGCACGGCTGGAGATCAGGAGGACCAACCCCTCGCAGCTGGGCTGGGACTCCTGCCACCT  
CTGCCTTGTGCTTGGTGTCTAATCAAGCCTCGCAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001001320
<b>Insert Size:</b>	1158 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001001320.1</a></u> , <u><a href="#">NP_001001320.1</a></u>
<b>RefSeq Size:</b>	1795 bp
<b>RefSeq ORF:</b>	1158 bp
<b>Locus ID:</b>	109575
<b>UniProt ID:</b>	<u><a href="#">Q810F8</a></u>
<b>Cytogenetics:</b>	19 3.71 cM
<b>Gene Summary:</b>	Probable transcriptional regulator involved in developmental processes.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).